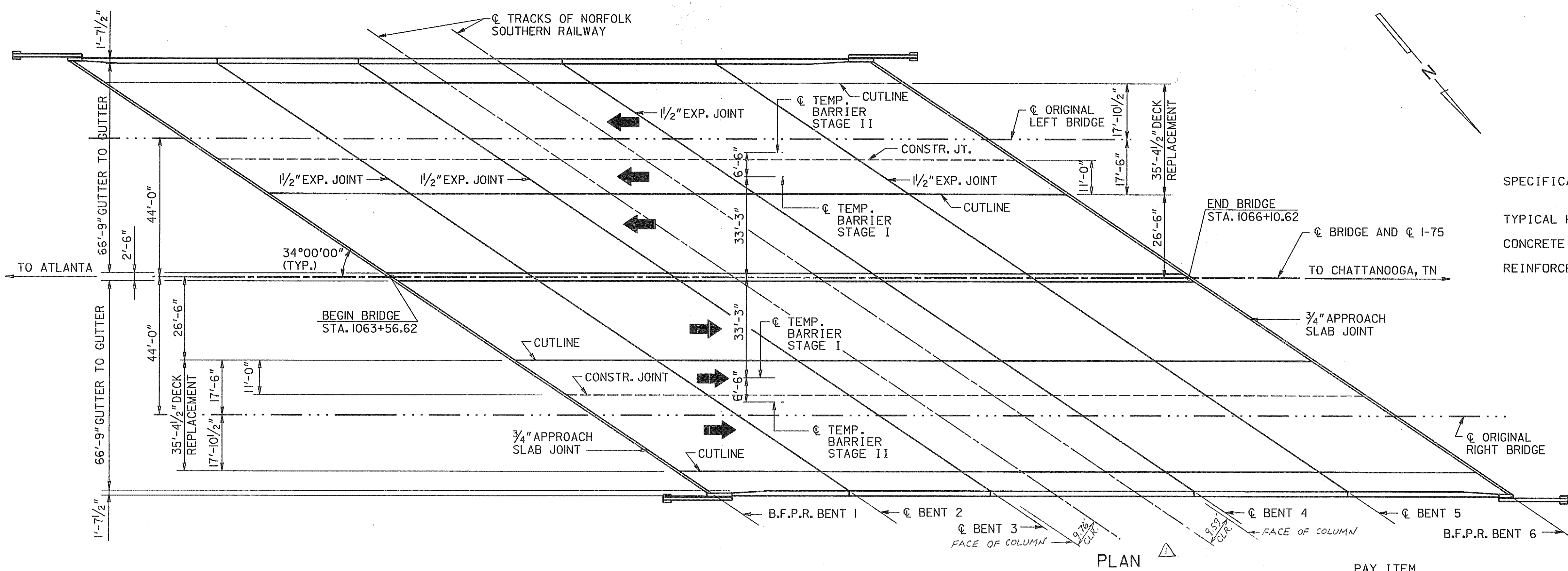


STATE	PROJECT NUMBER	SHEET NO.	TOTAL SHEETS
GA.	IM-M000-00 (282)	21	26



DESIGN DATA

SPECIFICATIONS AASHTO 1996 WITH 1997,1998 AND 1999 INTERIMS (DESIGNED FOR SEISMIC PERFORMANCE CATEGORY A)

TYPICAL HS20-44 AND/OR MILITARY LOADING IMPACT ALLOWED

CONCRETE: 24 HOUR ACCELERATED STRENGTH $f_c = 3,500$ PSI

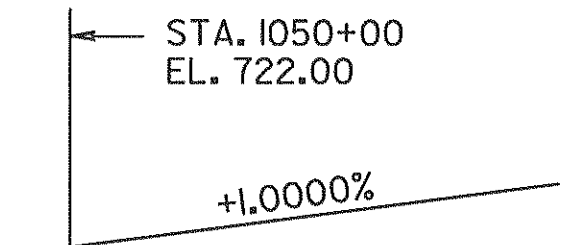
REINFORCEMENT STEEL GRADE 60, $F_y = 60,000$ PSI

WORK CONSISTS OF

1. REPLACEMENT OF THE ORIGINAL DECK SLAB AND EDGE BEAMS.
2. MODIFICATION OF THE ORIGINAL ENDWALLS.
3. RESEALING OF DECK AND APPROACH SLAB JOINTS.

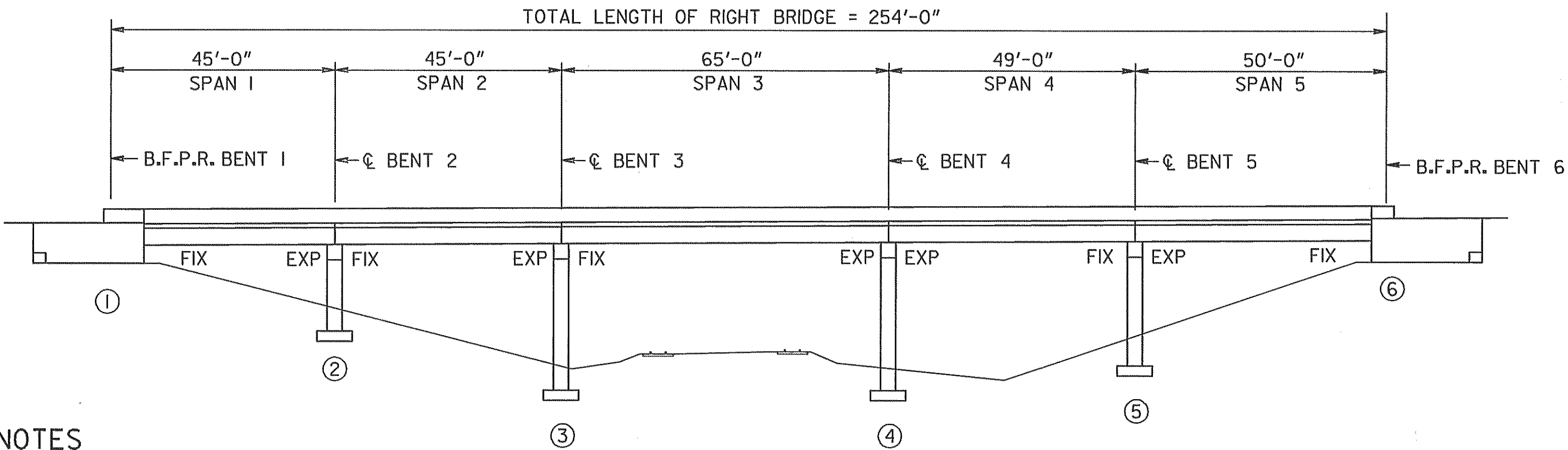
SUMMARY OF QUANTITIES

PAY ITEM NUMBER	QUANTITY	UNIT	PAY ITEM
449-1620	246	LF	LOW-DENSITY, CLOSED-CELL, X-LINKED, ETHYLENE VINYL ACETATE, POLYETHYLENE COPOLYMER, NITROGEN-BLOWN SEAL, BR NO-1, BENT NO-1
449-1620	246	LF	LOW-DENSITY, CLOSED-CELL, X-LINKED, ETHYLENE VINYL ACETATE, POLYETHYLENE COPOLYMER, NITROGEN-BLOWN SEAL, BR NO-1, BENT NO-2
449-1620	246	LF	LOW-DENSITY, CLOSED-CELL, X-LINKED, ETHYLENE VINYL ACETATE, POLYETHYLENE COPOLYMER, NITROGEN-BLOWN SEAL, BR NO-1, BENT NO-3
449-1620	246	LF	LOW-DENSITY, CLOSED-CELL, X-LINKED, ETHYLENE VINYL ACETATE, POLYETHYLENE COPOLYMER, NITROGEN-BLOWN SEAL, BR NO-1, BENT NO-4
449-1620	246	LF	LOW-DENSITY, CLOSED-CELL, X-LINKED, ETHYLENE VINYL ACETATE, POLYETHYLENE COPOLYMER, NITROGEN-BLOWN SEAL, BR NO-1, BENT NO-5
449-1620	246	LF	LOW-DENSITY, CLOSED-CELL, X-LINKED, ETHYLENE VINYL ACETATE, POLYETHYLENE COPOLYMER, NITROGEN-BLOWN SEAL, BR NO-1, BENT NO-6
500-0100	1997	SY	GROOVED CONCRETE
504-0600	506	CY	TWENTY-FOUR HOUR ACCELERATED STRENGTH CONCRETE
511-3000	LUMP	LS	SUPERSTR REINF STEEL, BR NO-1 (104022)
540-1202	LUMP		REMOVAL OF PARTS OF EXISTING BR, BR NO-1



GRADE DATA

(FROM EXISTING BRIDGE PLANS)



GENERAL NOTES

SPECIFICATIONS - GEORGIA STANDARD SPECIFICATIONS, 1993 EDITION AND 1997 SUPPLEMENTAL SPECIFICATIONS, AS MODIFIED BY CONTRACT DOCUMENTS.

REINFORCING STEEL -ALL REINFORCING STEEL SHALL BE PLACED AND TIED IN ACCORDANCE WITH THE GEORGIA DOT SPECIFICATIONS. WELDING OF REINFORCING STEEL WILL NOT BE PERMITTED.

CHAMFER - ALL EXPOSED CONCRETE EDGES SHALL BE CHAMFERED $\frac{3}{4}$ INCH UNLESS OTHERWISE NOTED.

PROTECTIVE PLATFORMS - PROTECTIVE PLATFORMS WILL BE REQUIRED AT THIS SITE, SEE SECTION 510 OF THE GEORGIA DOT SPECIFICATIONS. CONTRACTOR SHALL MAINTAIN A MINIMUM VERTICAL CLEARANCE OF 22'-0" ABOVE NORFOLK SOUTHERN RAILWAY.

TRAFFIC CONTROLS - SEE SPECIAL PROVISIONS AND MAINTENANCE OF TRAFFIC PLANS FOR TRAFFIC CONTROLS AND TRAFFIC CONTROL PAYMENT.

EXISTING BRIDGE PLANS - PLANS FOR THE EXISTING BRIDGE MAY BE PURCHASED BY CONTACTING THE PLANS REPRODUCTION OFFICE AT (404) 656-5401. THE EXISTING BRIDGE WAS BUILT UNDER PROJECT NUMBER I-75-3 (11) 332 AND WAS WIDENED UNDER PROJECT NUMBER ID-75-3 (102) AND ID-75-3 (155).

DIMENSIONS AND ELEVATIONS - ALL DIMENSIONS AND ELEVATIONS SHALL BE VERIFIED IN THE FIELD BY THE CONTRACTOR PRIOR TO ORDERING MATERIALS OR BUILDING FORMS.

EPOXY RESIN ADHESIVE - EPOXY RESIN ADHESIVE TYPE II SHALL BE APPLIED TO ALL HARDENED CONCRETE SURFACES JUST PRIOR TO POURING THE CONCRETE FOR THE NEXT STAGE OF CONSTRUCTION, SEE SECTION 886 OF THE GEORGIA DOT SPECIFICATIONS. COST OF EPOXY ADHESIVE AND ITS APPLICATION SHALL BE INCLUDED IN THE OVERALL BID SUBMITTED.

PIN CONNECTIONS FOR TEMPORARY BARRIER - ALL SEGMENTS OF THE TEMPORARY BARRIER SHALL BE PINNED TOGETHER WITH HOOKED REINFORCING BARS AND/OR CONNECTOR PIN ASSEMBLIES AS PER GEORGIA STANDARD 4961. IN ADDITION, TEMPORARY BARRIER PLACED BETWEEN STA. 1062+67 & 1065+81 (LT BRIDGE) AND 1063+84 & 1066+98 (RT BRIDGE) SHALL BE SECURED WITH COTTER PINS AND WASHERS OR BOTTOM NUTS & WASHERS AS DETAILED ON GEORGIA STANDARD 4961.

EXISTING REINFORCEMENT - EXISTING REINFORCEMENT TO BE UTILIZED IN NEW CONSTRUCTION SHALL BE BENT IN A MANNER TO PROVIDE THE MAXIMUM LAP POSSIBLE OR AS SHOWN ON THE PLANS. EXISTING REINFORCEMENT SHALL BE THOROUGHLY CLEANED OF CONCRETE SCALE AND RUST BEFORE BONDING INTO NEW CONSTRUCTION.

GROOVED CONCRETE -THE ENTIRE LENGTH OF THE BRIDGE SHALL BE GROOVED TRANSVERSELY WITHIN THE AREA OF NEW DECK AS PER SECTION 500.11.C.6.C.(2) OF THE GEORGIA DOT SPECIFICATIONS.

SALVAGE MATERIAL - NO MATERIAL REMOVED FROM THE EXISTING STRUCTURE SHALL BE SALVAGED FOR USE BY THE GEORGIA DEPARTMENT OF TRANSPORTATION.

INCIDENTAL ITEMS - COST INCIDENTAL TO THE WORK THAT IS NOT SPECIFICALLY COVERED BY THE GEORGIA STANDARD SPECIFICATIONS, SUPPLEMENTAL SPECIFICATIONS, AND/OR SPECIAL PROVISIONS SHALL BE INCLUDED IN THE OVERALL BID SUBMITTED. THIS INCLUDES THE COST OF CLEANING AND BENDING OF EXISTING REINFORCEMENT, JOINT FILLERS, AND OTHER INCIDENTAL ITEMS NECESSARY TO COMPLETE THE WORK.

REMOVAL OF PARTS OF EXISTING BRIDGE - COST FOR REMOVAL OF PORTIONS OF EXISTING DECK SLAB, EDGE BEAMS, AND ENDWALLS SHALL BE INCLUDED IN THE PRICE BID FOR ITEM 540 REMOVAL OF PARTS OF EXISTING BRIDGE.

EXISTING BRIDGE SERIAL NO. 313-0041-0
EXISTING BRIDGE ID NO. 313-00401D-327.03N
PROJECT PI NO. M000282

BRIDGE NO. 1LT. & RT.



J.B. Trimble, Inc.
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Atlanta GA 30339-2933
(770) 952-1022

GEORGIA
DEPARTMENT OF TRANSPORTATION
OPERATIONS DIVISION-OFFICE OF MAINTENANCE

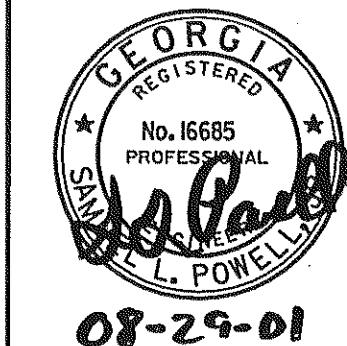
DISTRICT 6 BRIDGE REPAIRS (DECK REHABILITATION)

I-75 OVER NORFOLK SOUTHERN RAILWAY

WHITFIELD COUNTY IM-M000-00 (282)

SCALE:AS SHOWN

JULY 2001



BRIDGE SHEET
1 OF 4

DESIGNED MDT
DRAWN ITD

CHECKED GLE
DESIGN GROUP MAINTENANCE

REVIEWED EHG
APPROVED STH